

IAP7 Rec'd PCT/PTO 02 FEB 2006

(Rev. 02-2005)

Approved for use through 3/31/2007 OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

**ATTORNEY'S DOCKET NUMBER****P-7785-US****U.S. APPLICATION NO. (if known, see 7 CFR 1.5)****107566992****INTERNATIONAL APPLICATION NO.**

PCT/IL2004/000717

**INTERNATIONAL FILING DATE**

August 4, 2004

**PRIORITY DATE CLAIMED**

August 4, 2003

**TITLE OF INVENTION** IN-LINE TREATMENT OF LIQUIDS AND GASES BY LIGHT IRRADIATION**APPLICANT(S) FOR DO/EO/US** TRIBELSKY, Zamir Et al.

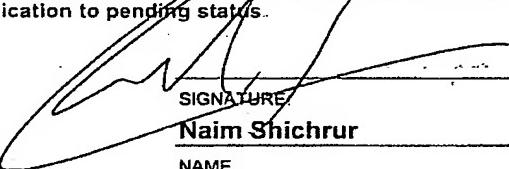
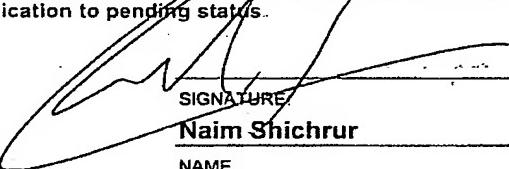
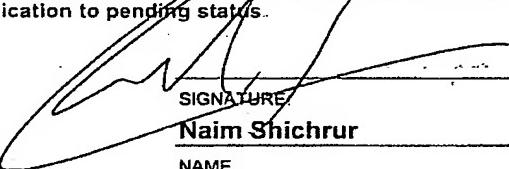
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1  This is a FIRST submission of items concerning a filing under 35 U S C 371
- 2  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U S C 371
- 3  This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)) The submission must include items (5), (6), (9) and (21) indicated below
- 4  The US has been elected (PCT Article 31)
- 5  A copy of the International Application as filed (35 U S C 371(c)(2))
  - a  is attached hereto (required only if not communicated by the International Bureau).
  - b  has been communicated by the International Bureau
  - c  is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6  An English language translation of the International Application as filed (35 U S C 371(c)(2))
  - a  is attached hereto.
  - b  has been previously submitted under 35 U.S.C. 154(d)(4)
- 7  Amendments to the claims of the International Application under PCT Article 19 (35 U S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau)
  - b.  have been communicated by the International Bureau
  - c.  have not been made; however, the time limit for making such amendments has NOT expired
  - d.  have not been made and will not be made.
- 8  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3))
- 9  An oath or declaration of the inventor(s) (35 U S.C. 371(c)(4)).
- 10  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U S C 371(c)(5))

Items 11 to 20 below concern document(s) or information included:

- 11  An Information Disclosure Statement under 37 CFR 1.97 and 1.98
- 12  An assignment document for recording A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
- 13  A Preliminary Amendment
- 14  An Application Data Sheet under 37 CFR 1.76
15.  A substitute specification
- 16  A power of attorney and/or change of address letter
- 17  A computer-readable form of the sequence listing in accordance with PCT Rule 13(ter) 2 and 35 U S C 1.821 - 1.825.
- 18  A second copy of the published international application under 35 U.S.C. 154(d)(4).
- 19  A second copy of the English language translation of the international application under 35 U S.C. 154(d)(4).
20.  Other items or information: 1) Postcard.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/566992</b>		INTERNATIONAL APPLICATION NO PCT/IL2004/000717	ATTORNEY'S DOCKET NUMBER P-7785-US																																																																																																																																												
<p>The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> 21 Basic National Fee</td> <td>\$300.00</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 22 Examination Fee</td> <td></td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">If International Preliminary Examination Report was prepared by the USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100.00</td> <td></td> </tr> <tr> <td colspan="2">All other situations</td> <td>\$200.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 23. Search Fee</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Search fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Search Authority</td> <td>\$100.00</td> <td></td> </tr> <tr> <td colspan="2">International Search Report not prepared by USPTO but provided with application</td> <td>\$400.00</td> <td></td> </tr> <tr> <td colspan="2">All other situations</td> <td>\$500.00</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>Total of Above Calculations 21, 22, and 23:</b> \$ 900.00</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>Rate</td> </tr> <tr> <td>- 100</td> <td>/ 50</td> <td></td> <td>x \$250.00</td> </tr> <tr> <td colspan="4">           Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))         </td> </tr> <tr> <td colspan="4">           CLAIMS                    NUMBER FILED                    NUMBER EXTRA                    RATE         </td> </tr> <tr> <td>Total claims</td> <td>20 =</td> <td></td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>3 =</td> <td></td> <td>x \$200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="2">+ \$360.00</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 900.00</td> </tr> <tr> <td colspan="4"> <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 The fees indicated above are reduced by ½         </td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL =</b> \$ 450.00</td> </tr> <tr> <td colspan="4">           Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))         </td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL NATIONAL FEE =</b> \$</td> </tr> <tr> <td colspan="4">           Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property         </td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b> \$ 450.00</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;"><b>Amount to be Charged:</b> \$ 450.00</td> </tr> <tr> <td>a <input type="checkbox"/></td> <td colspan="3">A check in the amount of \$_____ to cover the above fees is enclosed</td> </tr> <tr> <td>b <input checked="" type="checkbox"/></td> <td colspan="3">Please charge my Deposit Account No 50-3355 in the amount of <u>\$450.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed</td> </tr> <tr> <td>c <input checked="" type="checkbox"/></td> <td colspan="3">The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 50-3355 A duplicate copy of this sheet is enclosed</td> </tr> <tr> <td>d <input type="checkbox"/></td> <td colspan="3">Fees are to be charged to a credit card. WARNING: Information on this form may become public Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038</td> </tr> <tr> <td colspan="4">           Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.         </td> </tr> <tr> <td colspan="4">           SEND ALL CORRESPONDENCE TO: Customer Number 49443         </td> </tr> <tr> <td colspan="4">             SIGNATURE  <b>Naim Shichrur</b> </td> </tr> <tr> <td colspan="4">           NAME  <u>56,248</u> </td> </tr> <tr> <td colspan="4">           REGISTRATION NUMBER  <u>02 February 2006</u> </td> </tr> <tr> <td colspan="4">           DATE         </td> </tr> </table>				<input checked="" type="checkbox"/> 21 Basic National Fee	\$300.00	\$ 300.00		<input checked="" type="checkbox"/> 22 Examination Fee		\$ 200.00		If International Preliminary Examination Report was prepared by the USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)		\$100.00		All other situations		\$200.00		<input checked="" type="checkbox"/> 23. Search Fee				Search fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Search Authority		\$100.00		International Search Report not prepared by USPTO but provided with application		\$400.00		All other situations		\$500.00		<b>Total of Above Calculations 21, 22, and 23:</b> \$ 900.00				<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	- 100	/ 50		x \$250.00	Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				CLAIMS                    NUMBER FILED                    NUMBER EXTRA                    RATE				Total claims	20 =		x \$50.00	Independent claims	3 =		x \$200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00		<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 900.00				<input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 The fees indicated above are reduced by ½				<b>SUBTOTAL =</b> \$ 450.00				Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))				<b>TOTAL NATIONAL FEE =</b> \$				Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property				<b>TOTAL FEES ENCLOSED =</b> \$ 450.00							<b>Amount to be Charged:</b> \$ 450.00	a <input type="checkbox"/>	A check in the amount of \$_____ to cover the above fees is enclosed			b <input checked="" type="checkbox"/>	Please charge my Deposit Account No 50-3355 in the amount of <u>\$450.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed			c <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 50-3355 A duplicate copy of this sheet is enclosed			d <input type="checkbox"/>	Fees are to be charged to a credit card. WARNING: Information on this form may become public Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038			Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				SEND ALL CORRESPONDENCE TO: Customer Number 49443				 SIGNATURE <b>Naim Shichrur</b>				NAME <u>56,248</u>				REGISTRATION NUMBER <u>02 February 2006</u>				DATE			
<input checked="" type="checkbox"/> 21 Basic National Fee	\$300.00	\$ 300.00																																																																																																																																													
<input checked="" type="checkbox"/> 22 Examination Fee		\$ 200.00																																																																																																																																													
If International Preliminary Examination Report was prepared by the USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)		\$100.00																																																																																																																																													
All other situations		\$200.00																																																																																																																																													
<input checked="" type="checkbox"/> 23. Search Fee																																																																																																																																															
Search fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Search Authority		\$100.00																																																																																																																																													
International Search Report not prepared by USPTO but provided with application		\$400.00																																																																																																																																													
All other situations		\$500.00																																																																																																																																													
<b>Total of Above Calculations 21, 22, and 23:</b> \$ 900.00																																																																																																																																															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																															
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate																																																																																																																																												
- 100	/ 50		x \$250.00																																																																																																																																												
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))																																																																																																																																															
CLAIMS                    NUMBER FILED                    NUMBER EXTRA                    RATE																																																																																																																																															
Total claims	20 =		x \$50.00																																																																																																																																												
Independent claims	3 =		x \$200.00																																																																																																																																												
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00																																																																																																																																													
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 900.00																																																																																																																																															
<input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 The fees indicated above are reduced by ½																																																																																																																																															
<b>SUBTOTAL =</b> \$ 450.00																																																																																																																																															
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))																																																																																																																																															
<b>TOTAL NATIONAL FEE =</b> \$																																																																																																																																															
Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property																																																																																																																																															
<b>TOTAL FEES ENCLOSED =</b> \$ 450.00																																																																																																																																															
			<b>Amount to be Charged:</b> \$ 450.00																																																																																																																																												
a <input type="checkbox"/>	A check in the amount of \$_____ to cover the above fees is enclosed																																																																																																																																														
b <input checked="" type="checkbox"/>	Please charge my Deposit Account No 50-3355 in the amount of <u>\$450.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed																																																																																																																																														
c <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 50-3355 A duplicate copy of this sheet is enclosed																																																																																																																																														
d <input type="checkbox"/>	Fees are to be charged to a credit card. WARNING: Information on this form may become public Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038																																																																																																																																														
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																																																																																																																															
SEND ALL CORRESPONDENCE TO: Customer Number 49443																																																																																																																																															
 SIGNATURE <b>Naim Shichrur</b>																																																																																																																																															
NAME <u>56,248</u>																																																																																																																																															
REGISTRATION NUMBER <u>02 February 2006</u>																																																																																																																																															
DATE																																																																																																																																															